

Appl. No. 09/555,102
Amendment dated April 8, 2004
Reply to Office action of November 12, 2003

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A method for assaying N samples, wherein N is greater than or equal to 2, said samples each containing a single compound to be tested, said method comprising:

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- a) providing N populations of carrier beads wherein the carrier beads of each population comprise a detectable label for distinguishing the carrier beads of each population from the carrier beads of every other population,
and
a reactant bound thereto,
wherein said reactant comprises a first component of a specific binding pair, and
said reactant being the same for said carrier beads in all of said N populations;
- b) dispensing one distinguishable population of said N populations of carrier beads into a separate, corresponding one of N different reaction vessels, so that said one of N different reaction vessels contains one of said N populations, and
performing said dispensing for each population of said N populations;